Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 29 Mar 2022 until 23:59 on Wednesday 30 Mar 2022

Forecast Issued on Tuesday 29 Mar 2022 at 01:08

Confidence: High for a change to much colder conditions through the next 36 hours or so but lower for timing of the cloud and precipitation on Wednesday.

Headline for Tuesday 29 Mar 2022: Cloudy start with patchy rain but sunny spells developing.

Mountain weather hazards on Tuesday 29 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
MIST					
Mist	Cloudy	Cloudy	Sunny	Cloudy	Cloudy
Precipitation probability					
20%	20%	10%	10%	<05%	<05%

Forecast for Tuesday 29 Mar 2022

Weather: A cloudy start, with the risk of a little rain at times, but becoming brighter towards midday with some sunny spells developing. Remaining largely dry with clear spells through the evening.

Chance of cloud-free hill tops above 600m: 20% at first, improving to 80% for the afternoon.

Low cloud and visibility: Persistent cloud at first around 300m in east, but nearer 600m in west, slowly breaking and lifting, to become occasional above 600m by early afternoon. Otherwise visibility good or very good falling to several kilometres in rain or showers and close to a kilometre in snow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 29 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 E	10/14 NE	9/13 NE	10/14 NE	10/13 E	10/14 E	9/13 E
300	8/16 NE	8/12 NE	8/12 NE	10/15 NE	7/11 E	6/10 E	6/11 E
Valley	10/19 E	8/13 E	7/11 E	9/15 E	7/12 E	6/11 E	6/12 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	4/0	6/3	6/3	5/2	4/0	2/-1
300	5/2	7/4	9/7	9/7	8/6	6/4	5/3
Valley	6/3	9/7	11/9	11/9	9/7	7/5	6/4
Freezing Level*	1200m	1200m	1300m	1300m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling rather cold on the summits despite the sunshine and light winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 29 Mar 2022	1.4mm	1.4mm	1.4mm

Forecast for Wednesday 30 Mar 2022

Weather: Cloudy through much of the day with outbreaks of rain, these turning increasingly to snow above about 450m. Clearing from the north during the evening.

Maximum wind: Easterly 10mph backing northeasterly 15-20mph through the morning.

Chance of cloud-free hill tops above 600m: 20% most of the day but improving to 75% through the evening.

Low cloud and visibility: Persistent cloud above 300-450m through much of the day gradually lifting and breaking from the north through the late afternoon and evening to become more occasional above 600m. Otherwise visibility good, falling to several kilometres in rain and perhaps a kilometre or less in snow.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to 5 Celsius by day
At 600m: Around plus 3 Celsius falling to minus 2 Celsius
Freezing level: Above the summits falling to 600m by early afternoon, then 450m later

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